PROPOSED AMENDED CLAIMS

1.   (Currently amended) A method comprising:

creating an electronic message having a recipient at an address on a server, wherein the electronic message includes at least one delivery attribute identifier for identifying at least one delivery attribute;

sending the electronic message to the recipient; ~~and~~

receiving a response, the response including validity information indicating ~~whether~~ that the address is ~~a valid~~ an invalid address, and at least one delivery attribute value corresponding to the at least one delivery attribute, the at least one delivery attribute value including delivery information regarding the electronic message;

processing the at least one delivery attribute value to form delivery failure analysis information; and

presenting the delivery failure analysis information,

wherein the step of processing the at least one delivery attribute value comprises one of pinging the address and performing a simple network monitoring query for the address.

2.   (Previously presented) The method of claim 1, wherein the at least one delivery attribute identifier comprises at least one of a recipient mail system identifier, a recipient mail server identifier, a recipient router identifier, a sender mail system identifier, a sender mail server identifier, and a sender router identifier.

3.   (Canceled)

4.   (Currently amended) The method of claim [[3]] 1, wherein the at least one delivery attribute value includes an address, the address comprising one of a recipient mail system address, a recipient mail server address, a recipient router address, a sender mail system address, a sender mail server address, and a sender router address.

5.   (Canceled)

6.   (Canceled)

7.   (Previously presented) The method of claim 1, further comprising:
storing the at least one delivery attribute value in a storage.

8.   (Original) The method of claim 7, wherein the storage is a database.

9.   (Original) The method of claim 1, wherein the method is performed by a client.

10.   (Original) The method of claim 1, wherein the method is performed by a server.

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled)

15.   (Currently amended) An apparatus comprising:
creation means for creating an electronic message having a recipient at an address
on a server, wherein the electronic message includes at least one delivery attribute
identifier for identifying at least one delivery attribute;
sending means for sending the electronic message to the recipient; and
receipt means for receiving a response, the response including validity
information indicating whether that the address is a valid an invalid address, and at least
one delivery attribute value corresponding to the at least one delivery attribute, the at
least one delivery attribute value including delivery information regarding the electronic
message;

processing means for processing the at least one delivery attribute value to form delivery failure analysis information; and

presentation means for presenting the delivery failure analysis information,

wherein the processing means comprises one of means for pinging the address and means for performing a simple network monitoring query for the address.

16.   (Previously presented) The apparatus of claim 15, wherein the at least one delivery attribute identifier comprises at least one of a recipient mail system identifier, a recipient mail server identifier, a recipient router identifier, a sender mail system identifier, a sender mail server identifier, and a sender router identifier.

17.   (Canceled)

18.   (Currently amended) The apparatus of claim 15 [[17]], wherein the at least one delivery attribute value includes an address, the address being one of a recipient mail system address, a recipient mail server address, a recipient router address, a sender mail system address, a sender mail server address, and a sender router address.

19.   (Canceled)

20.   (Canceled)

21.   (Previously presented) The apparatus of claim 15, further comprising:

storage means for storing the at least one delivery attribute value.

22.   (Original) The apparatus of claim 21, wherein the storage means comprises a database.

23.   (Original) The apparatus of claim 15, wherein the apparatus is embodied in a client computer.

24.   (Original) The apparatus of claim 15, wherein the apparatus is embodied in a server computer.

25.   (Canceled)

26.   (Canceled)

27.   (Canceled)

28.   (Canceled)

29.   (Currently amended) A computer program product, in a computer readable medium, comprising:

   instructions for creating an electronic message having a recipient at an address on a server, wherein the electronic message includes at least one delivery attribute identifier for identifying at least one delivery attribute;

   instructions for sending the electronic message to the recipient; and

   instructions for receiving a response, the response including validity information indicating whether that the address is a valid an invalid address, and at least one delivery attribute value corresponding to the at least one delivery attribute, the at least one delivery attribute value including delivery information regarding the electronic message;

   instructions for processing the at least one delivery attribute value to form delivery failure analysis information; and

   instructions for presenting the delivery failure analysis information,

   wherein the instructions for processing the at least one delivery attribute value comprises one of instructions for pinging the address and instructions for performing a simple network monitoring query for the address.

30.   (Canceled)